

Notice of Allowability

Application No.

10/024,402

Examiner

Gary L. Laxton

Applicant(s)

MAYTUM ET AL

Art Unit

2838

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to the amendment filed 10/10/03.
2. ☒ The allowed claim(s) is/are 1-6, 9-12, 14, 15 and 19-31.
3. ☒ The drawings filed on 18 December 2001 are accepted by the Examiner.
4. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☒ All b) ☐ Some* c) ☐ None of the:
 1. ☒ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).
 - * Certified copies not received: _____.
5. ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).
 - (a) ☐ The translation of the foreign language provisional application has been received.
6. ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application. **THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

7. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
8. ☐ CORRECTED DRAWINGS must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No. _____.
 - (b) ☐ including changes required by the proposed drawing correction filed _____, which has been approved by the Examiner.
 - (c) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No. _____.

Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet.

9. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

- | | |
|--|---|
| 1 <input type="checkbox"/> Notice of References Cited (PTO-892) | 2 <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 3 <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 4 <input type="checkbox"/> Interview Summary (PTO-413), Paper No. _____ |
| 5 <input type="checkbox"/> Information Disclosure Statements (PTO-1449), Paper No. _____ | 6 <input type="checkbox"/> Examiner's Amendment/Comment |
| 7 <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit of Biological Material | 8 <input checked="" type="checkbox"/> Examiner's Statement of Reasons for Allowance |
| | 9 <input type="checkbox"/> Other |

DETAILED ACTION

Allowable Subject Matter

1. Claims 1-6, 9-12, 14, 15 and 19-31 are allowed.
2. The following is an examiner's statement of reasons for allowance:

Concerning claims 1-6, 9-12, 14, 15, 19-21, 23-27 and 31, prior art fails to disclose or suggest, inter alia, an over-voltage protection circuit having a first trigger means that is current triggered by a current trigger element comprising first and second parallel resistive elements; and the current trigger is connected in series with the conductor.

Concerning claims 28 and 22, prior art fails to disclose or suggest, inter alia, an over-voltage protection circuit having the voltage trigger element being a transistor device connected between said gate and said anode terminal and the base of the transistor device is connected to a pre-selected reference voltage at said first magnitude.

Concerning claim 29, prior art fails to disclose or suggest, inter alia, an over-voltage protection circuit having a second SCR connected in anti-parallel to the first SCR, and second trigger, wherein: the first trigger is voltage triggered by voltages exceeding the first magnitude of a first polarity and the second trigger is voltage triggered by voltages exceeding the first magnitude of the reverse polarity.

Concerning claim 30, prior art fails to disclose or suggest, inter alia, an over-voltage protection circuit having a first trigger is voltage-triggered by voltages of a first polarity exceeding a first magnitude on the conductor and current-triggered by voltages of a first polarity exceeding a

second magnitude on the conductor; and the second trigger is voltage-triggered by voltages of the reverse polarity exceeding the first magnitude on the conductor and current-triggered by voltages of said reverse polarity exceeding the second magnitude on the conductor; thereby to provide over-voltage protection at two discrete voltage magnitudes of both polarities.

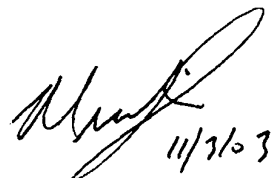
Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

3. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Gary L. Laxton whose telephone number is (703) 305-7039. The examiner can normally be reached on Monday thru Thursday.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Michael Sherry can be reached on (703)308-1680. The fax phone number for the organization where this application or proceeding is assigned is (703) 872-9306.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is (703) 308-0956.

Gary L. Laxton
Patent Examiner
Art Unit 2838



11/1/03

MICHAEL SHERRY
SUPERVISOR, PATENT EXAMINER
TECHNOLOGY CENTER 2

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